MIT's Oldest and Largest Newspaper



WEATHER, p. 2 TUE: 80°F | 61°F WED: 83°F | 61°F Mostly sunny THU: 75°F | 58°F Mostly sunny

tech.mit.edu Volume 131, Number 32 Tuesday, August 30, 2011



BIYEUN M. BUCZYK—THE TECH

East Campus warriors blare their vuvuzelas during the annual East vs. West Water War on Kresge Oval yesterday evening. The water war is a time-honored Residence Exploration (REX) tradition.

Irene slams East Coast, but MIT mostly spared

'Over-warning' against storm dangers the right approach, says EAPS professor

> By Anne Cai STAFF REPORTER

Last Friday, Governor Deval L. Patrick declared a state of emergency in the Commonwealth of Massachusetts and called 500 National Guard troops in preparation for the landfall of Hurricane Irene, to be joined by 2000 more on Saturday. The City of Cambridge activated Code Red phone alerts - which sent pre-recorded messages warning of the threat to all landlines and to opted-in cellular phone lines and email and text messaging alerts were

sent out to the MIT community announc-

ing the Sunday closure of MIT and encouraging the community to stay indoors.

We started preparing for Irene very early based on the forecast," said MIT Director of Facility Operations and Security John DiFava. "We made sure everyone was aware of the fact that we were about to experience a hurricane."

MIT Police also increased general patrol, but there were no police reports related to Irene. MIT also had extra custodial services and extra maintenance staff on campus to prepare for any damage.

Irene, Page 6



On Sunday, Tropical Storm Irene's high winds tore a tree branch on the median of Memorial Drive outside of McCormick Hall. Boston recorded gusts as high as 63 mph as Irene made her way across New England.

REX/Rush 2011: Breakdown of traditions?

The start of 2011 Freshman Orientation and Residential Exploration (REX) marks the third year in a row that a REX/Rush/Recruitment agreement between the Dormitory Council (DormCon), the Interfraternity Council (IFC), the Panhellenic Council (Panhel), and the Living Group Council (LGC) has not been signed.

According to the last proposed agreement (which was not signed) indexed and listed by the LGC on Aug. 9, 2010, the REX/Rush agreement covers dormitory and living group interactions with the incoming freshmen class during the Campus Preview Weekend/Orientation/Columbus Day periods and is intended to "foster an experience that strongly encourages freshmen to explore all of the different facets of MIT's living communities, and to promote safe and responsible behavior on the part of all students."

Though the 2010 agreement was not signed because of objections from the LGC, this year, an agreement was not crafted at all.

Last year's drafted agreement included timelines for REX/rush events and advertising by dormitories and living groups, and an alcohol policy for the REX and recruitment periods. Specifically, the agreement would prohibit "slanderous behavior or defamation ... either between members or across organizations" and would restrict competitive advertising from living group affiliates during REX or from dormitories during

Despite the lack of a formal signed agreement, there havior. "There's a culture that's developed of respecting the other [organizations]," said Alicia T. Singham Goodwin '14, DormCon's vice president for REX.

—Rebecca Han

Saturday Morning Breakfast at the 'Tute

Webcomic creator Weiner talks in 6-120

By Pearle Lipinski

NEWS AND FEATURES DIRECTOR

Applause erupted in the standing-room-only 6-120 yesterday at 3:58 p.m. as Zachary A. Weiner, creator of popular webcomic Saturday Morning Breakfast Cereal (SMBC), entered the room for a Q&A session packed with questions touching on topics from fellow web comic artists to the merits of Star Wars vs. Star Trek (for the record, Weiner prefers Star Wars). The free event, sponsored by the MIT Lecture Series Committee, concluded with a signing session of the new SMBC compilation, Save Yourself, Mammal!: A Saturday Morning Breakfast Cereal Collection, and went an hour over its anticipated 4-6 p.m. runtime.

This is way more than ten people," Weiner commented as he entered the packed room. He spoke on topics ranging from his internet browsing habits — "Up until this week, I was a frequent Reddit user," he said of the popular social news site and his blocking of it with a Google Chrome browser extension - to his favorite SMBC comics (it's "Viewpoints of the Universe," as he called it, at http://www.smbc-comics.com/index. php?db=comics&id=2223#comic), to

SMBC, Page 9



NICHOLAS CHORNAY—THE TECH

Zachary A. Weiner, creator of the webcomic Saturday Morning Breakfast Cereal, takes questions and signs books in a packed 6-120 on Monday.

IN SHORT

The Faculty Keynote Address and Picnic will take place today at 11:30 a.m. in Kresge Auditorium. President Susan J. Hockfield will address the Class of 2015 at this event, in lieu of Convocation, which was canceled due to Tropical Storm Irene.

The Athletics "Gateway" will be held tomorrow from 2-3:30 p.m. in Rockwell Cage. Check out MIT's varsity and club sports!

The United States First Circuit Court of Appeals affirmed this month that citizens, under their First Amendment rights, may videotape police officers performing their duties, as long as the recording equipment is not concealed.

Send news information and tips to news@tech.mit.edu.

GETTING OUT OF THE RED

Keith Yost launches a new segment on how the U.S. can handle its debt. OPINION, p. 4

SCOTT BROWN IS WRONG

At least when it comes to the debt discussion. OPINION, p. 5

WHAT WOULD YOU CHANGE?

If you were POTUS? OPINION, p. 4



EMPIRICAL

Will you marry me? FUN, p. 11

SUMMER 2011 IN SPORTS

Too busy travelling or working to pay attention to sports? Don't worry, we did. SPORTS, p. 12

SECTIONS

vvoria & Nation .	2
Opinion	4
Fun Pages	.10
Coorto	10

As fortunes dim, banks confront a leaner future Battered by a weak economy, the nation's bigge

Battered by a weak economy, the nation's biggest banks are cutting jobs, consolidating businesses and scrambling for new sources of income in anticipation of a fundamentally altered financial landscape requiring leaner operations.

Bank executives and analysts had expected a temporary drop in profits in the aftermath of the 2008 financial crisis. But a deeper jolt did not materialize as trillions of dollars in federal aid helped prop up the banks and revive the industry.

Now, however, as government lifelines fade and a second recession seems increasingly possible, banks are finding growth constrained. They are bracing for a slowdown in lending and trading, with higher fees for consumers as well as lower investment returns amid tighter regulations. Profits and revenues are slipping to the levels of 2004 and 2005, before the housing bubble.

"People heard all these things before, but the reality of seeing the numbers is finally sinking in," said John Chrin, a former JPMorgan Chase investment banker and executive in residence at Lehigh University's business school. "It's hard to imagine big institutions achieving their precrisis profitability levels, and even the community and regional banks are faced with the same problems."

—Eric Dash, The New York Times

Trial shows blockbuster potential for blood clot pill

An experimental pill to prevent blood clots exceeded already high expectations as a better therapy for millions of people with atrial fibrillation, according to final results of a worldwide study released Sunday.

The study was featured at the European Society of Cardiology in Paris and simultaneously published on the website of The New England Journal of Medicine.

"It's a remarkable achievement," said Dr. Valentin Fuster, a past president of American and world heart associations, who was not involved with the trial. "This is one of the most significant advances in cardiovascular medicine in the last five years, no question."

The twice-daily pill, to be called Eliquis, prevented 21 percent more strokes than the blood thinner warfarin, a standard treatment for heart arrhythmia, and resulted in 31 percent fewer incidents of major bleeding over an average of 1.8 years in the study.

—Duff Wilson, The New York Times

Europe's growth may be weaker than expected

BRUSSELS — Jean-Claude Trichet, the president of the European Central Bank, acknowledged Monday that eurozone growth could be weaker than expected, suggesting that the central bank might be more reluctant to raise interest rates again.

But Trichet told a special session of the European Parliament, called to discuss the debt crisis in Europe, that inflation could remain above the bank's target level of 2 percent "over the months ahead" and predicted that growth would continue at a "modest pace."

The central bank plans to release a new forecast in early September.

Meanwhile, Olli Rehn, the European commissioner for economic and monetary affairs, emphasized the dangers posed by continuing bouts of volatility, saying that "financial markets and the real economy move now more in synchrony." That made Rehn "seriously concerned about continued financial turbulence spilling over to and potentially harming the recovery of the real economy."

_James Kanter, The New York Times

Obama taps jobs expert as top economic adviser

By Jackie Calmes
THE NEW YORK TIMES

WASHINGTON — In tapping Alan B. Krueger on Monday to chair the Council of Economic Advisers, President Barack Obama has picked an economist well known for his studies of labor markets just as the president is about to announce a renewed push for job-creation policies as early as next week.

Among the stimulus policies Obama is considering is a temporary tax credit for employers adding to their workforce, an idea that Krueger championed in his earlier stint in the administration. Krueger was an assistant secretary and chief economist at the Treasury Department for 17 months, before he returned to his teaching post at Princeton in 2010.

A more modest version of the hiring credit became law, but congressional Republicans blocked its extension last year.

Krueger, if confirmed by the Senate, will find Republicans a force to be reckoned with against the sorts of ideas he is associated with, includ-

ing a higher minimum wage. Republicans have taken control of the House since he left Washington, and party leaders say they will oppose further stimulus measures. Their focus is on spending cuts, despite widespread calls from economists, including the chairman of Federal Reserve, Ben S. Bernanke, for a more expansive fiscal policy in a period of weak economic growth and stubbornly high unemployment.

Obama, in a speech planned for next week, is expected to call for both temporary tax cuts and spending measures to spur hiring in the short term, and also long-term steps to reduce spending and raise revenues once the economy fully recovers. But in nominating Krueger, with his expertise in policies that affect job creation, Obama passed over some economists better known for deficit reduction policies, including Alan J. Auerbach of the University of California, Berkeley.

The choice of Krueger more broadly reflects Obama's desire to strike a balance between job creation and deficit reduction after months in which congressional Republicans successfully forced action only on spending cuts. Krueger, who first joined the administration amid the recession, helped design other early stimulus proposals, including the cash for clunkers rebate for new car purchasers, the Build America Bonds program to finance infrastructure projects and a credit fund for small businesses.

"As one of this country's leading economists, Alan has been a key voice on a vast array of economic issues for more than two decades," Obama said. "Alan understands the difficult challenges our country faces, and I have confidence that he will help us meet those challenges as one of the leaders on my economic team."

The ability to win confirmation in the Senate was a certain consideration; Krueger was successfully confirmed for his prior post with the Treasury. But the chairmanship of the Council of Economic Advisers is a higher position, and Republicans have become more aggressive about blocking nominees to demonstrate their opposition to White House policies.

Airlines resume service after storm, but snarls remain

By Christine Hauser

THE NEW YORK TIMES

Under clear skies, airlines that serve the New York City area and other Northeastern cities started to return their planes to service Monday, but many warned that travelers whose plans were thrown into disarray by Hurricane Irene could still face scheduling problems and delays through the week.

Cancellations continued Monday as airlines and airports grappled with logistical problems. Airlines had relocated planes out of the area before the storm hit over the weekend and are now struggling to get employees, including flight crews and terminal workers, back into position because of difficulties in commuting.

The resumption of some airline operations was in line with the partial return of other transportation systems, which were shut down

throughout the New York area and in parts of Massachusetts, Pennsylvania, the District of Columbia and other urban areas because of the hurricane. Service on subways, trains and buses started to resume as millions of people returned to work Monday morning.

Many flights were already fully booked in the week leading up to the Labor Day weekend, a period of heavy travel. So passengers who are trying to get alternate flights are trying to rebook in a packed system

While more than 1,800 flights were canceled Monday at airports in the New York City area, Boston and Philadelphia, most airlines reported they were operating again.

Newly merged United and Continental said it resumed flights at noon Eastern time Monday at Newark Liberty International Airport, John F. Kennedy International Airport and LaGuardia Airport.

The airline said in a statement it would also resume service at several other airports along the East Coast.

A JetBlue airlines communications manager, Mateo Lleras, said that the airline, which had canceled 1,252 flights Saturday through Monday, would operate 432 flights Monday afternoon and expected to resume full operations sometime this week at Newark, La-Guardia, Kennedy and at two other airports, one in White Plains, N.Y., and the other, Stewart International Airport, in Newburgh, N.Y.

Big international airlines also scrambled to catch up.

Lufthansa had canceled 18 round-trip flights in and out of Boston, New York and Philadelphia, and said Monday that it had resumed its full schedule. The airline flies through those airports to Munich, Frankfurt and Duesseldorf in Germany.

WEATHER

Weather: Impacts of TS Irene on New England

By Allison A. Wing STAFF METEOROLOGIST

STAFF METEOROLOGIS

After making landfall near Cape Lookout, NC on Saturday morning with sustained winds of 85 mph (gusting to 115 mph), Hurricane Irene moved up the coast, bringing heavy rain to much of New England throughout Saturday and Sunday. Irene made her final landfall as a tropical storm with sustained winds of 65 mph in Brooklyn, NY around 9 AM on Sunday, before quickly moving north through New England into Can-

ada. Irene caused near record high tide levels of 9.5 feet at the Battery in NYC, as well as high storm surge on Long Island. In New England, the main impacts were power outages (over half a million people were without power in Massachusetts) due to trees toppled by the strong winds, and flooding due to heavy rain.

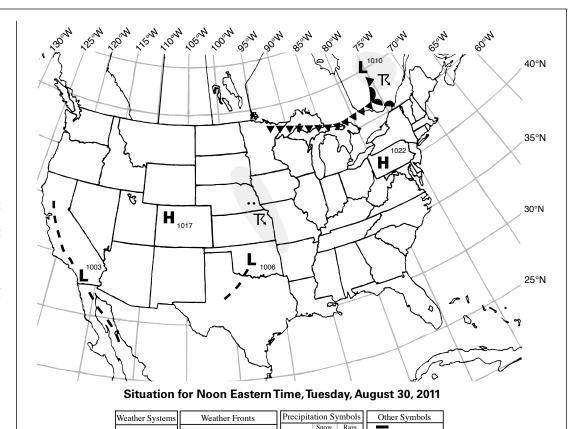
The weather this week will be decidedly less extreme. A ridge of high pressure be over our region for most of the week, keeping our weather sunny and dry with pleasant temperatures.

Extended Forecast

Today: Sunny. High of 80°F (27°C). North winds at 3–7 mph. Tonight: Clear. Low of 61°F (16°C). West winds at 5–10 mph. Tomorrow:Mostly sunny. High of 83°F (28°C). Low of 61°F (16°C). Northwest winds at 5–10 mph.

Thursday: Mostly sunny. High of 75°F (24°C). Low of 58°F (14°C). East winds at 5–10 mph.

Friday: Sunny. High of 75°F (24°C). Low of 56°F (13°C). Southeast winds at 5–10 mph.



 $\overset{*}{\triangledown}$

*

**

Light

Thunderst

and The Tech

Compiled by MIT
Meteorology Stoffe

Tuesday, August 30, 2011
The Tech 3

Wikileaks leaves names of diplomatic sources in cables

By Scott Shane
THE NEW YORK TIMES

WASHINGTON — In a shift of tactics that has alarmed U.S. officials, the antisecrecy organization WikiLeaks has published on the Web nearly 134,000 leaked diplomatic cables in recent days, more than six times the total disclosed publicly since the posting of the leaked State Department documents began in

A sampling of the documents showed that the newly published cables included the names of some people who had spoken confidentially to U.S. diplomats and whose identities were marked in the cables with the warning "strictly protect."

State Department officials and human rights activists have been concerned that such diplomatic sources, including activists, journalists and academics in authoritarian countries, could face reprisals, including dismissal from their jobs, prosecution or violence.

Since late 2010, *The New York Times* and several other news organizations have had access to more than

250,000 State Department cables originally obtained by WikiLeaks, citing them in news articles and publishing a relatively small number of cables deemed newsworthy. But The Times and other publications that had access to the documents removed the names of people judged vulnerable to retaliation.

WikiLeaks published some cables on its own website, but until the latest release, the group had also provided versions of the cables that had been edited to protect low-level diplomatic sources.

Government officials and journalists were poring over the newly released cables Monday to assess whether people named in them might face repercussions. A quick sampling found at least one cable posted Monday, from the U.S. Embassy in Australia, had a name removed, but several others left in the identities of people whom diplomats had flagged for protection. Among those named, despite diplomats' warnings, were a U.N. official in West Africa and a foreign human rights activist working in Cambodia. They had spoken candidly to U.S. Embassy officials on the understanding that they would not be publicly identified.

The new disclosures are likely to reignite a debate over the virtues and perils of making public the confidential views of U.S. diplomats, some of whom have complained that the leaks have made their work more difficult. The disclosures take place as a federal grand jury in Alexandria, Va., continues to hear evidence in a criminal investigation of WikiLeaks for disclosing classified information.

WikiLeaks said in a statement Monday that the acceleration in disclosing the cables was "in accordance with WikiLeaks' commitment to maximizing impact and making information available to all." The statement suggested that it was intended to counter the "misperception" that the organization "has been less active in recent months."

The statement said that "crowdsourcing" the documents by posting them will allow people of different backgrounds and nationalities to interpret the cables. It was unsigned, but WikiLeaks' founder, Julian Assange, generally drafts or approves the group's statements.

Gadhafi wife and relatives leave Libya for Algeria

By Kareem Fahim and Neil MacFarquhar

THE NEW YORK TIMES

TRIPOLI, Libya — Algeria said Monday that it had allowed a two-vehicle caravan of Moammar Gadhafi's relatives, including his second wife and three of his children, into the country. The flight of his relatives provided powerful new evidence of surrender by the Gadhafi clan as rebels consolidated their hold on Tripoli, the capital.

Gadhafi's wife, Safiya, daughter Aisha, and two of his sons, Mohammed and Hannibal, all crossed into Algeria, said Mourad Benmehidi, the Algerian permanent representative to the United Nations. The spouses of Gadhafi's children and their children arrived as well, he said.

The announcement was the first official word on the whereabouts of any members of the Gadhafi family since the colonel was routed from his Tripoli fortress by rebel forces a week ago, a decisive turn in the Libyan conflict.

The family was allowed in on "humanitarian grounds," he said, and the Algerian government informed the head of the National Transitional Council, the rebel government in Libya, of its decision. There was no official request from the rebels for their return, Benmehidi said.

The whereabouts of Gadhafi remained unknown, along with those of his other sons, most notably Seif al-Islam, his second-in-command; Khamis, the head of an elite paramilitary brigade; and Muatassim, a militia commander and Gadhafi's national security adviser. A rebel spokesman said Sunday that Khamis Gadhafi might have been killed on Saturday, but that no positive identification had been made.

On Monday, new hints emerged about the locations of the family and members of its inner circle. A former associate of the Gadhafi government spokesman, Moussa Ibrahim, said that Ibrahim had sought refuge in Sirte, his hometown. Gadhafi is also from Sirte, which remains under the control of his loyalists.

The rebels have said they would not consider their victory complete until they capture or kill the colonel, who ruled Libya for nearly 42 years.

For its part, NATO seemed intent on continuing its mission, mandated by a U.N. Security Council resolution in March.

"We believe the Gadhafi regime is near collapse, and we're committed to seeing the operation through to its conclusion," Adm. Samuel Locklear, the head of NATO's Joint Operations Command, said at a news conference in Doha, Reuters reported.

"Pockets of pro-Gadhafi forces are being reduced day by day," he said. "The regime no longer has the capacity to mount a decisive operation."

He said NATO air strikes had destroyed 5,000 military targets in Libya.

Finance Minister chosen as Japan's next prime minister

By Martin Fackler

THE NEW YORK TIMES

TOKYO — Japan's governing party elected Finance Minister Yoshihiko Noda to become the next prime minister on Monday, choosing a relative political unknown to lead this shaken nation's recovery from the tsunami and nuclear accident in March, and revive its moribund economy.

It was a surprise victory for Noda, who had been seen running a distant third before Monday's internal vote by the Democratic Party. During the campaign, Noda ran largely on economic policies, presenting himself as a pro-business, fiscal conservative who could rein in Japan's ballooning national debt while taming the soaring yen and battling crippling price declines known as deflation.

However, political analysts said his victory was as much about seeking a fresh start for the Democratic Party.

The choice of Noda, who has no large power base within the party, and is not one of the Democrats' original founding members, appeared to be an effort to find a new common ground for a party that has been undermined by deep divisions.

Noda must now take over the daunting tasks of leading Japan's recovery from the deadly earth-quake, and the cleanup of radiation from the stricken Fukushima Daiichi nuclear plant, while also overcoming the longer-term challenges of two decades of economic stagnation, an aging population and the rise of neighboring China.

Noda will replace Naoto Kan, who failed to galvanize Japan after the disaster in March, or point a new direction for this seemingly rudderless nation.

"Can we do what is best for Japan, protect the livelihood of the Japanese people, revive the Japa-

nese economy?" Noda, 54, said in a speech. "This is what we are being called on to do."

In Monday's vote, Noda defeated the trade minister, Banri Kaieda, 215 to 177 in a run-off election, after a first ballot failed to produce a clear victor from a field of five candidates. Noda will be formally elected prime minister as early as Tuesday by Parliament.

Political analysts were uncertain on whether Noda would be able to overcome the political paralysis in a nation that gone through six prime ministers in five years.

"Mr. Noda's biggest battle will be overcoming the vested interests that have made it so hard to bring change in Japan," said Norihiko Narita, a political scientist and president of Surugadai University outside Tokyo. "It will be extremely difficult for him to fare any better than those who came before him, to say the least."

Medvedev sets Russian parliamentary election for December

MOSCOW — President Dmitry Medvedev on Monday set a Dec. 4 date for a parliamentary election that will almost certainly be dominated by the ruling United Russia party and will set the stage for a presidential election early next year.

But Medvedev's announcement was overshadowed by the continuing political intrigue between him and his mentor, Prime Minister Vladimir Putin, over which of them will run for president.

The three minority parties in Parliament — the Communists, the Liberal Democrats and A Just Russia — have had little impact in the 450-seat Duma, the lower house of Parliament, where United Russia holds a two-thirds majority.

In past contests the ruling party has taken nothing for granted, and it is expected to use all the levers of power to ensure that it maintains the margin that has allowed it to pass legislation at will.

"I would very much like our next Duma to reflect the political preferences of the largest possible number of citizens," Medvedev told the leaders of registered parties gathered at the Black Sea resort of Sochi.

—Seth Mydans, The New York Times

Wireless phone networks stood up well to Irene

Wireless phone networks held up well against Irene despite widespread losses of power.

Even in cases where people were without power, many were still able to communicate using email and social networks, thanks to battery-powered mobile devices.

As cleanup crews and home owners began to assess the scope of the storm's damage Sunday, wireless phone companies were reporting that the storm's effect on their networks was minimal and that most customers did not experience cellular disruptions, despite the high winds and ferocious rains. The wireless providers said the full extent might not be known until after Irene moved offshore.

The Federal Communications Commission, which activated the Disaster Information Reporting System, an online tool that helps the organization gather information and assess the breadth of damage to the country's communications networks, is still gauging the extent of the disruptions. It said Sunday that no 9-1-1 center was without service and that it had received no reports of public safety communications disruptions.

Late Sunday afternoon, Julius Genachowski, the FCC chairman, said that a handful of radio sites and thousands of wire lines went down during the storm, leaving 132,000 landline subscribers without service. The majority of those were in North Carolina and Virginia.

—Jenna Wortham and Joshua Brustein, The New York Times

Storm's push north leaves punishing inland flooding

CHESTER, Vt. — While most eyes warily watched the shoreline during Hurricane Irene's grinding ride up the East Coast, it was inland — sometimes hundreds of miles inland — where the most serious damage actually occurred. And the major culprit was not wind but water.

Here in southern Vermont, normally pretty towns and villages were digging out from thick mud and piles of debris that Sunday's floodwaters left behind. With roughly 250 roads and a number of bridges closed off, many residents remained stranded in their neighborhoods; others could not get to grocery stores, hospitals or work.

In upstate New York, houses were swept from their foundations and one woman drowned Sunday when an overflowing creek submerged the cottage where she was vacationing. Flash floods continued to be a concern into Monday afternoon. In the Catskill Mountains, where Gov. Andrew M. Cuomo led a helicopter tour of suffering towns, cars were submerged, crops ruined and roads washed out. In tiny, hard-hit Prattsville, what looked like a jumble of homes lay across a roadway, as if they had been tossed like Lego pieces.

"We were very lucky in the city, not quite as lucky on Long Island, but we were lucky on Long Island," Cuomo said. "But Catskills, mid-Hudson, this is a different story and we paid a terrible price here, and many of these communities are communities that could least afford to pay this kind of price. So the state has its hands full."

—Abby Goodnough and Danny Hakim, The New York Times

Amid Syrian raids, reports of desertions

BEIRUT — Syrian security forces raided several towns and cities across Syria on Monday, in the latest assault to crush dissent against the rule of President Bashar Assad, residents and activists said.

The operations, which included towns in western, northern and central Syria, killed at least six people and wounded dozens, they said.

Troops, backed by tanks and armored vehicles, surrounded Rastan, a town near Homs in central Syria, according to the Local Coordination Committees, an activist group. Activists said at least one person was killed. Activists also said five people were killed in Sarmin in the northwestern area of Idlib, when security forces opened fire at residents during search operations.

At the same time, there were reports that dozens of soldiers, possibly encouraged by the rout in Libya of Moammar Gadhafi, had deserted their positions in a village near Homs, the country's third-largest city, and also on the outskirts of the capital, Damascus, to join the five-month-old popular uprising against Assad and his Baath Party.

Activists said that since the uprising started in mid-March, most such desertions have taken place in the eastern tribal area of Deir al-Zour, bordering Iraq; in the northwestern province of Idlib; and in towns around Homs and Damascus.

The Free Officers of Syria, a group of soldiers and officers who left the army last month in protest of the crackdown and say they now represent defectors, published an online statement saying that "large" defections were reported in Harasta, another suburb of Damascus and that armed troops loyal to the government were chasing those defectors.

—Nada Bakri, The New York Times



Chairman Joseph Maurer '12

Editor in Chief

Ethan A. Solomon '12 **Business Manager**Greg Steinbrecher '12

Managing Editor Connor Kirschbaum '13

Executive Editor Aislyn Schalck '13

NEWS STAFF

News and Features Director: Pearle Lipinski '12; News Editors: Jingyun Fan '12, Robert McQueen '12, Jessica J. Pourian '13; Features Editor: Ana Lyons '12; Associate News Editor: Margaret Cunniff '13; Staff: John A. Hawkinson '98, Arkajit Dey '11, Liz Tsai '11, Danielle Gorman '12, Ziwei Hao '12, Jiyeon Baek '13, Joy E. Lee '13, Divya Srinivasan '13, Aparna Sud '13, Anne Cai '14, Derek Chang '14, Deborah Chen '14, Stan Gill '14, Rebecca Han '14, Evan Moore '14, Clara Park '14, Isabella Wei '14, Leo Zhou '14; Meteorologists: Allison A. Wing G, Vince Agard '11, Roman Kowch '12.

PRODUCTION STAFF

Editors: Judy Hsiang '12, Stephanie L. Ku '14, Sarah Ritter '14; Staff: Fareeha Safir '13, Ben S. Frank '14; Illustrators: Monica Gallegos '11, Robin L. Dahan '12, Rachel Fong '12, Alison Malouf '12.

OPINION STAFF

Editors: Nina Sinatra '12, Ryan Normandin '13; Staff: Florence Gallez G, Ronan Killian McGovern G, Alejandro Rogers B. G, Keith A. Yost G, Vinayak Ranade '09, Kavya Joshi '12, Rachel C. Bandler '13, Andy Liang '14, Nils Molina '14, Mike Veldman '14.

CDODTC CTAI

Editors: David Zhu '12, Shelley Ackerman '13; Staff: Michael Gerhardt '12, Zach Hynes '12, Nydia Ruleman '12, Carlos Greaves '13, Russell Spivak '13, Nidharshan Anandasivam '14, Sarah Weir '14.

ARTS STAFF

Editor: Kathryn Dere '13; Associate Editor: Samuel Markson '12; Staff: Bogdan Fedeles G, Joanne Y. Shih '10, Philipp Diesinger '11, Jeff Z. Chen '12, Maggie Liu '12, Yü Linlin Huang '13, Emily Nardoni '13, Jenny Xie '13, Natthida Wiwatwicha '14, Carolyn Zhang '14.

PHOTOGRAPHY STAFF

Editors: Jessica Liu '13, Sam Range '13, Jessica L. Wass '14; Associate Editor: Elijah Mena '13; Staff: Melissa Renée Schumacher G, Manohar Srikanth G, Scott Johnston '03, Biyeun M. Buczyk '10, William Yee '10, Yuanyu Chen '12, Nicholas Chornay '12, Meng Heng Touch '12, Feng Wu '12, Arfa Aijazi '13, Elizabeth D'Arienzo '13, Vivek Dasari '14, Andrew Swayze.

CAMPUS LIFE STAFF

Editor: Joanna Kao '13; Associate Editor: Deena Wang '14; Staff: Christine Yu '11, Maeve Cullinane '12, Paul Woods '13, Amanda Aparicio '14, Nazia Chowdhury '14; Cartoonists: Joshua Meisel G, Emily Ruppel G, Irving E. Wang G, Michael Benitez '12, Elise Stave '13, Ramya Swamy '14.

BUSINESS STAFF

Advertising Manager: Moya Chin '13; Operations Manager: Jennifer Fong '13; Staff: Mark Thompson '11, Wendy Cheng '13, Emmanuel Carrodeguas '14, Sarine Shahmirian '14.

TECHNOLOGY STAFF

Director: Quentin Smith '10; **Staff:** Maja R. Rudolph '13, Alex Chernyakhovsky '14.

EDITORS AT LARGE

Contributing Editors: Jeff Guo '11, Maggie Lloyd '12, Michelle E. Szucs '14; Senior Editors: Brian Hemond G, Charles Lin G, Satwiksai Seshasai G, David M. Templeton '08, Steve Howland '11, Vibin Kundukulam '11, Michael T. Lin '11, Natasha Plotkin '11, Elijah Jordan Turner '11, Sherry Yan '11.

ADVISORY BOARD

Karen Arenson '70, Paul E. Schindler, Jr. '74, V. Michael Bove '83, Barry S. Surman '84, Robert E. Malchman '85, Deborah A. Levinson '91, Jonathan E. D. Richmond PhD '91, Karen Kaplan '93, Saul Blumenthal '98, Frank Dabek '00, Daniel Ryan Bersak '02, Eric J. Cholankeril '02, Jordan Rubin '02, Nathan Collins SM '03, Keith J. Winstein '03, Akshay R. Patil '04, Tiffany Dohzen '06, Beckett W. Sterner '06, Marissa Vogt '06, Andrew T. Lukmann '07, Zachary Ozer '07, Austin Chu '08, Michael McGraw-Herdeg '08, Omari Stephens '08, Marie Y. Thibault '08, Ricardo Ramirez '09, Nick Semenkovich '09, Angeline Wang '09, B. D. Colen.

PRODUCTION STAFF FOR THIS ISSUE

Editors: Judy Hsiang '12, Connor Kirschbaum '13, Aislyn Schalck '13, Sarah Ritter '14; Staff: Sarah Weir '14.

The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer by He Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$50.00 per year (third class). POSTMASTER: Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. TELEPHONE: Editorial: (617) 253-1541. Business: (617) 258-3254. Facsimile: (617) 258-825. Advertising, subscription, and typesetting rates available. Entire contents © 2011 The Tech. Printed on recycled paper by Mass Web Printing Company.

GETTING OUT OF THE RED

The 1.5 MRC Force

A leaner military would not just save money, but would also promote saner foreign policy

By Keith Yost

STAFF COLUMNIS

In the parlance of military planning, the U.S. wields what one would call a "two-MRC force." That is to say, as structured, the armed forces should be able to fight two "major regional conflicts" (Iraq-sized wars), simultaneously. The logic behind this sizing is simple: should the U.S. choose to fight in one region (say, the Korean peninsula), it doesn't want to find itself without a free hand in dealing with other regions (say, the Persian gulf). Two MRC's worth of military might gives the U.S. the strength to conduct big stick diplomacy with troublemakers even while taking action against another rogue state.

The primary downside of a two-MRC military is cost. Over the next ten years, the Department of Defense (DoD) is expected to consume roughly \$6 trillion dollars in resources, not counting costs associated with active conflicts, such as Iraq, Afghanistan, and Libya. With a national debt about to break \$14.5 trillion, it is becoming increasingly difficult to ignore the drag that \$600 billion of annual spending places on federal coffers.

Of course, a two-MRC force has a second, hidden downside — when given hammers, presidents tend to see a world of nails. The capacity to fight multiple conflicts unilaterally and simultaneously has

predictably led to unilateral and simultaneous involvement in multiple conflicts. Two MRC's worth of muscle have warped the mindset of U.S. foreign policy, creating additional costs (to date, Iraq and Afghanistan total more than \$1.2 trillion in additional spending).

A smaller military would not just save money, but it might promote a healthier diplomacy between the United States and the world.

A smaller military might promote healthier diplomacy between the U.S. and the world.

Suppose that the DoD's funding was cut by 25 percent, and the U.S. military was re-organized into an outfit capable of fighting one and a half major regional conflicts. The direct benefits are easy enough — we'd knock \$1.5 trillion off our deficits over the next ten years. More importantly, the mindset of Washington would change — rather than ask the question, "Who should we hit with our hammer?" the question on statesmen's minds would be, "Where am I going to find the other half of my hammer?" Budget cuts would refocus American think-

ing onto the problem of alliance building.

A 1.5 MRC force gives the U.S. a scope of action very similar to a two MRC force, but it challenges the commander-in-chief to first reconstitute the missing half-army. Trouble in Venezuela? Better build a strong relationship with Brazil. Unrest in the Middle East? It'd sure be nice if we had Turkey on our side. Kim Jong-Il is acting up? Europe can project roughly 0.5 MRC's worth of power internationally, we should make our case to them. A 1.5 MRC retains for the president an ability for emergency unilateral activity, but it encourages him to first subject his interventions to a litmus test. If European or regional allies cannot be convinced of the necessity of a war, then perhaps that war should not be fought - how can we say another nation is a threat to our security when its own neighbors don't find it worthy of action? How can we claim an affront to our values as a cause for war, when those who share our values are unwilling to march alongside us?

It's silly to suggest that cutting military spending would lead to a stronger military. But the point of a military is not to dress men and women in green uniforms; it's to secure the safety and national interests of the United States. And to that end, a smaller military might actually perform better than a larger one.

ACTION: Cut baseline military spending by 25 percent. 10-YEAR SAVINGS: \$1.5 T

If I were President

What would you change if you were president of the United States?

By Andy Liang
STAFF COLUMNIST

Having grown up in New York City, I follow the New York Times religiously. Nowadays, I don't follow the local news (though interestingly chaotic), but rather opinion articles from columnists and bloggers. Recently, a piece caught my eye: "If I Were President" by Jesse Kornbluth. His work drew professors, C.E.Os, astrophysicists, and experts from all over, to answer: "What would you do if you were president?"

Patricia Ryan Madson, Author of "Improv Wisdom: Don't Prepare, Just Show Up" would send Congress members on retreat, and hope they laugh about their mistakes. Sister Mary David Walgenbach, Prioress, would expand the PeaceCorps, and use the defense budget to invest in the future for children and alternative energy. James Q. Wilson, Pepperdine professor, would carefully evaluate all decisions made by his administration by drawing

feedback from the public.

So with levity, I ask myself: What would I, an MIT premed student, do if I were president?

I would reform the high school education system. I am no Horace Mann, but I am a student whom has ridden over the many potholes in our education system.

like the Boston Arts Academy and Fenway Pilot School. Smaller schools have higher levels of student-teacher interaction and more resources allocated directly to students. And if I were preident, I would provide subsidies for summer exploratory programs -- each school would have an advisor for students looking for intern-

I would legalize gay marriage. Gay couples face discrimination not by their marriage status but by the legal entitlements attached.

My public high school has 5000 kids and is growing. Throughout my four years, I saw many students left behind, feeling inferior to thousands of others, and treated as numbers by teachers. But I want students to get personal attention and build relationships with teachers so that instructors can do more than fail students.

More personal education can be accomplished by creating smaller schools,

ships. I believe that none of us would have gotten into MIT if not for internships and summer programs.

I would reintroduce and instate the DREAM act to grant citizenship for illegal immigrant students. I believe that children shouldn't have to pay for their parents' mistakes. If a child were to get into

President, Page 5

CORRECTIONS

An August 3 article about the MIT Mobile application incorrectly stated that the software was available for the "most recent features phones." The application is only available on Android and iOS devices, but the MIT Mobile website (http://m.mit.edu/) can be accessed from any internet device.

That same article also incorrectly stated that a Facilities

"widget" was added to the application. The new functionality does not come in the form of a "widget" as Android users understand that term. Rather, the building services tool is a feature that is accessed via the application directly.

The application can be downloaded from the Android Market or the iOS App Store by searching for "MIT mobile." Alternatively, the application can be downloaded by following links from http://m.mit.edu/about/.

OPINION POLICY

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of Chairman Joseph Maurer, Editor in Chief Ethan A. Solomon, Managing Editor Connor Kirschbaum, Executive Editor Aislyn Schalck, Opinion Editors Nina Sinatra and Ryan Normandin, Contributing Editors David M. Templeton and Steve Howland, and Advisory Board member Andrew T. Lukmann.

Dissents are the signed opinions of editorial board members choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to *letters@tech.mit.edu*. Hard copy submissions should be addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will

not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. Letters, columns, and cartoons may also be posted on *The Tech's* Web site and/or printed or published in any other format or medium now known or later that becomes known. *The Tech* makes no commitment to publish all the letters received.

Guest columns are opinion articles submitted by members of the MIT or local community.

TO REACH US

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to <code>general@tech.mit.edu</code>, and it will be directed to the appropriate person. You can reach the editor in chief by e-mailing <code>eic@tech.mit.edu</code>. Please send press releases, requests for coverage, and information about errors that call for correction to <code>news@tech.mit.edu</code>. Letters to the editor should be sent to <code>letters@tech.mit.edu</code>. The Tech can be found on the World Wide Web at <code>http://tech.mit.edu</code>.

Why Senator Brown is wrong

The GOP is on the wrong side of history when it comes to debt

By Ryan Normandin OPINION EDITOR

In an August 13 op-ed in the Boston Globe on controlling the debt, Senator Scott Brown (R-Mass.) echoed the disgust many feel with the bickering in Washington, stressing the need for bipartisan poli-

of our national debt. I am all for addressing the drivers of the debt, but this would mean ending the Bush-era tax cuts for the very top-tier earners. Take a walk through Boston sometime and talk to the average citizen of Massachusetts; you'll find that the majority of your constituents are not multi-billionaires and would be in support

Raising taxes is never popular, but sometimes it's necessary. When the choice is between raising the lowest tax rates since 1950 or gouging Medicare, Medicaid, and education, the right option is obvious.

cies to control the debt. Having voted for Senator Brown myself, I was hopeful that the proposals he outlined might indeed represent the type of bipartisanship he ran on during his campaign. I was sorely disappointed to find that his idea of reaching across the aisle was the same as Speaker John Boehner's: unwilling to accept anything less than 98 percent of his demands.

His three suggestions taken together would achieve a "controlled budget" purely through spending cuts, as Republicans wanted during the debt ceiling debate. Sen. Brown asserts on multiple occasions that taxes should not be raised; on the contrary, he suggests that a tax reform package should lower rates! Raising taxes is never popular, but sometimes it is necessary. And when the choice is between either raising the lowest tax rates since at least the year 1950 or gouging Medicare, Medicaid, and education funding, it seems pretty clear which option is the right one.

The most ironic part of Sen. Brown's piece is his desire to both cut taxes and focus on addressing the long-term drivers of the debt. Well, Senator, I have some inconvenient facts for you: by 2019, the Bush tax cuts will be the largest single contributor to the U.S. debt, and taken together. the Bush tax cuts and the wars in Iraq and Afghanistan would account for nearly half

of raising taxes on the wealthy. Recent polls have found that the country as a whole agrees with me; roughly two out of three Americans support such tax increases.

Of course, in your eyes, this would put even more strain on businesses and mega-corporations, which are sitting on their piles of cash because they're "nervous" about the economic outlook and are already "over-regulated." If only you and your colleagues expressed the same concern for the other "nervous" constituencies that you are supposed to be representing: the single mother working two jobs trying to make ends meet so she can feed her children; the college student who, even if he or she manages to find enough loans to pay for school, will be starting his or her post-undergraduate life with over \$100,000 in debt; the countless individuals who have had their homes foreclosed by

I apologize if I have a difficult time finding sympathy for corporations who have made record profits and awarded record bonuses to their executives, but refuse to hire because they're "nervous." It would be quite a healthy experience for one of these billionaires to trade places with an average citizen to discover what it actually feels like to be "nervous." In fact, I'm willing to bet

Republicans like Scott Brown can claim all they want that over-regulation kills business. You can deny to your heart's content that lack of regulation and oversight was not responsible for the economic quagmire we find ourselves in today, stemming from the 2008 financial crisis. But once again, facts beg to differ. It was the repeal of the Glass-Steagall Act by two Republicans, Senator Phil Gramm from Texas and Rep. Jim Leach from Iowa, that broke down the walls between investment banks and depository institutions. One of the arguments against doing this was that risky investments can lead to enormous losses, which could threaten deposits. And because the government insures deposits, it could be required to pay large sums if depository institutions collapsed as a result of speculation. Sound familiar? It should,

and create jobs through the repair of this country's infrastructure, which desperately needs attention. Invest in clean energy and biotechnology — not only is this increasingly becoming the future of Massachusetts, but if you let it, it could play a role in the future economy of this country. And certainly, make cuts in spending but do not cut education and other social programs. Instead, cut the bloated defense budget, larger than what the next 19 countries in the world spends on defense combined.

Senator Brown has the right general ideas - cut spending, reform the tax code, and change regulations on banks and businesses. However, every one of his specific solutions is in the wrong direction. We need to slash the defense budget, not social programs. We need to raise taxes on

Let me assure you, Senator: Unless you start paying more attention to what the majority of your constituency wants and less to those who give you the most campaign funding, you will lose in 2012.

because this played a role in the larger crisis of 2008, as did lax regulation of predatory lending and a lack of oversight of the credit rating agencies - one of which is now so bold as to downgrade the credit of this country over a crisis it is largely responsible for.

Deregulation of business will not solve the unemployment crisis. If anything, it will exacerbate it, only speeding us more rapidly toward the next crash, which the weak Frank-Dodd Act will do little to prevent. We have a consumer economy; we depend upon individuals spending their money. When they do not have money, it is difficult to spend it. We do not need a supply-side solution, we need a demandside answer. If Sen. Brown truly wants to create jobs and lower the unemployment rate, then he should invest in education

the obscenely rich, not cut them. We need to strengthen regulations on Wall Street if we want to prevent another 2008 collapse. Like the Senator wrote in his piece, all of us, myself included, need to accept that we will not get everything we want. But this means legitimate compromise instead of Republicans issuing a list of demands, willing to crash the entire economy if they don't get what they want. And it also means that Democrats need to be more confident in standing their ground; the people are on their side, particularly in regards to raising taxes. Let me assure you Senator: Unless you start paying more attention to what the majority of your constituency wants and less to those who give you the most campaign funding, you will lose in 2012. Remember, you win an election by earning the most votes, not the most funding.

What would you change?

Healthcare, smart investments, and education reform

President, from Page 4

MIT, then that child should become an engineer, an entrepreneur, a researcher, not a deportee. Critics may argue that schools will lose large sums of tuition money, but in actuality, these students-turned-workers will donate as alumni. Perhaps that student might be the next Fariborz Maseeh ScD '96.

Moving away from education, I would legalize gay marriage. I have been an activist for gay marriage all my life because I champion love of all forms. Gay couples face discrimination not by their marriage status but by the legal entitlements attached. They are not allowed tax exemptions, inheritance in death, testifying in court, and thousands other rights. If I were Blind Justice, I'd smell foul disenfranchisement. And if I were president...

I would advocate for smart cuts in healthcare. Our healthcare system is heavily burdened by unnecessary medical procedures. In the doctor's office, patients order prescriptions and tests when they are not needed. Doctors acquiesce because doing so assuage patients' concerns that the physicians have done their jobs. The onus is on the doctor to be economic but still fully aid the patient. I would meet with hospitals to negotiate appropriate regulations so hospitals don't fall into their prof-

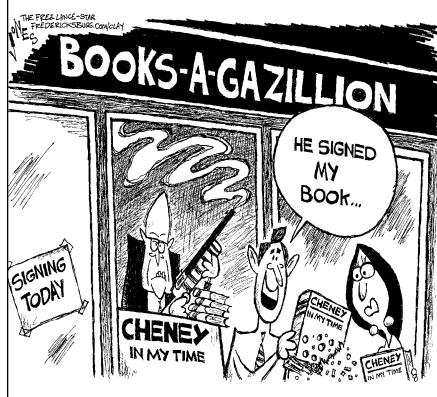
I would also seek to raise health awareness. The U.S. falls in 11th place as healthiest nation because we do not take our checkups seriously. Preventive medicine takes a second seat to emergency medicine. Instead of taking preventive measures, we choose expensive scans and drugs. Why? Because we can. Avastin, an ineffective anti-cancer drug with nasty side-effects, cost \$88,000 per year. Yet Medicare patients order it because it's their only option. They're better off without.

I would terminate offshore oil-drilling and invest in alternative energy.

I would terminate offshore oil-drilling and invest in alternative energy. The U.S. consumes 25 percent of the world's oil, but we hold only 3 percent of world's oil reserves. Our dependence on foreign oil has precipitated disasters like the Gulf spill and the 2010 Deepwater Horizons explosion. Our biome suffers. Yet next week ExxonMobil will drill a bypass to its Silvertip crude oil pipeline, and Shell Oil Co. will begin drilling in Arctic waters off Alaska's coast as early as next year. We need to smartly invest in green technology such as solar and wind farms because their energy conversion rates inch higher each year. And although they are not practical sources of energy right now, we can still rely on biofuels and nuclear energy because they are clean. Petroleum has polluted much of our air and has devastated much of the biodiversity landscape. We need to be just as conservation-minded as brilliant-thinkers

As Mr. Kornbluth has invited scholars into his roundtable discussion, I invite you, my fellow classmates and professors. What would you do if you were president?

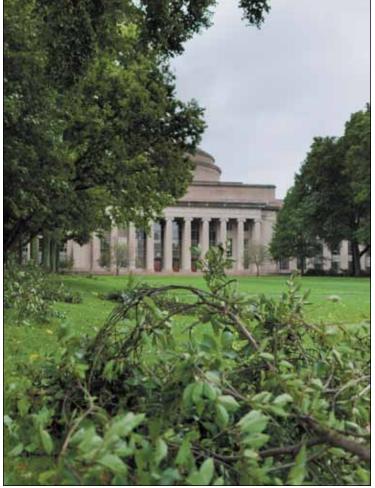




6 THE TECH Tuesday, August 30, 2011



A bird takes refuge on the dock of Pierce Boat House during Tropical Storm Irene this Sunday.



Many branches in Killian Court were downed after Tropical Storm Irene tore through Boston and Cambridge late Saturday night and Sunday morning. Five basements on campus were flooded, but MIT made it through mostly unscathed.

ENTREPRENEURIAL COURSE HIGHLIGHTS

FALL 2011

15.371J/10.807J: Innovation Teams

Students work in teams to develop commercialization strategies for innovative research projects generated in MIT laboratories. Projects cover critical aspects of commercialization, from selecting the target application and market for the technology to developing an intellectual property strategy and performing a competitive analysis. Instruction provided in communication and teamwork skills, as well as analysis of the challenges and benefits of technology transfer. Includes lectures, guest speakers, and extensive team coaching. Designed primarily for students in engineering, science, and management. Applications, resumes, and a brief statement of interest are required prior to registration.

Prereq: 15.911 or permission of instructor

Units: 4-4-4

Lecture: MW EVE (5.30-8 PM) (32-144) Instructors: Luis Perez-Breva, Noubar Afeyan

15.390: New Enterprises

Covers the process of identifying and quantifying market opportunities, then conceptualizing, planning, and starting a new, technology-based enterprise. Topics include opportunity assessment, the value proposition, the entrepreneur, legal issues, entrepreneurial ethics, the business plan, the founding team, seeking customers and raising funds. Students develop detailed business plans for a start-up. Intended for students who want to start their own business, further develop an existing business, be a member of a management team in a new enterprise, or better understand the entrepreneur and the entrepreneurial process.

Units: 2-1-6

Lecture: MW2.30-4 (E62-276) or MW4-5.30 (32-141)

Instructors: Section A: Bill Aulet, Scott Stern; Section B: Howard Anderson, Scott Stern

Opportunities in Energy





Management of Innovation

and Entrepreneurship



entrepreneurship.mit.edu



MIT, **W20** close for **Irene**

Campus saw little damage

Irene, from Page 1

Cafés and stores around Cambridge were advised to store or lock up all outdoor furniture, and advertisements on billboards in Porter Square were removed.

'The rain [forecast] was pretty close to being spot on,"said Professor Kerry A. Emanuel '76 of MIT's Department of Earth, Atmospheric, and Planetary Sciences.

Making landfall in North Carolina on Saturday morning and again in New Jersey the following day, Irene was downgraded to a tropical storm by the time it reached Cambridge Sunday morning. Tropical storms can still deliver wind speeds up to around 75 mph, but Irene had maximum winds of around 50 mph as it moved through New England (Boston recorded gusts as high as 63 mph). Eastern Massachusetts saw 4-6 inches of rain.

Convinced by pleas from Boston hospitals with shifts starting at 7 a.m. to postpone closure, the Massachusetts Bay Transportation Authority shut down all public transit service at 8 a.m. Sunday morning instead of the originally scheduled 5 a.m., citing wind gusts as the primary concern; Boston Logan International Airport remained open, but many travelers experienced cancellations and delays. Despite warnings, Sunday in Cambridge saw many people walking outside - students continued to jog outdoors and make trips to Star Market as many saw the forecasts as an exaggeration of the actual conditions.

"Forecasters have gotten quite good in the last ten to twelve years in not just [determining] forecasts, but also determining the envelope of certainty," said Emanuel of the perceived disparity between the forecasts and the actual conditions.

"This concept has been very hard to convey to the public."

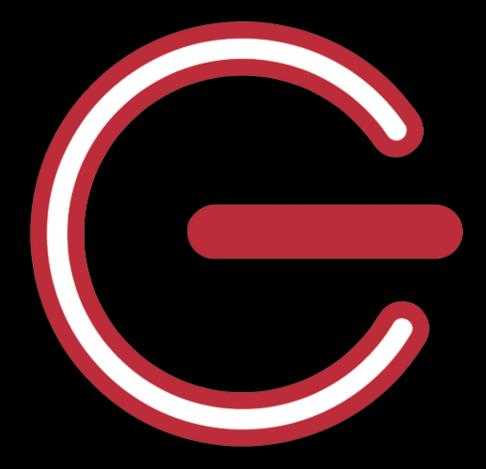
"Forecasters quite rightly tend to err a little bit on the side of the upper side of the envelope of certainty," he added. "There are two kinds of approaches: over-warning, and under-warning; in [the latter] case, people get killed."

Despite Sunday seeming like just another windy New England day, MIT campus had to address several fallen trees and many branches In addition, segments of Amherst Alley and five basements on campus flooded, said DiFava. The mayor's hotline of Cambridge received about 180 calls for downed trees, limbs, and wires, and 200,000 people in Massachusetts lost power.

The actual mean wind speed of about 35 mph was below the forecasted 60 mph; however, the damage done was largely due to the sudden strong gusts of wind in the 60 mph range. This, combined with the "envelope of certainty," indicates that the actual conditions were well within what was predicted, according to Emanuel.

Irene caused adjustments in the Class of 2015 orientation schedule, with the Orientation Kick-Off moved a day earlier to Saturday afternoon and Convocation canceled. W20, the Student Center, was also closed entirely. Instead of a complete rescheduling of Convocation, President Susan Hockfield will address the Class of 2015 at today's Kevnote Address in Kresge Auditorium at 11:30 a.m.

Tuesday, August 30, 2011
The Tech 7



be more. be greek. mit fraternity rush

killian kick-off@killian saturday september 3 - noon



Police Log

The following incidents were reported by the Campus Police between April 4, 2011 and July 25, 2011. The dates below reflect the dates the incidents occurred. This information is compiled from the Campus Police's crime log. The report does not include alarms, general service calls, or incidents not reported to the dispatcher.

Apr 04 No. 6, (428 Memorial Dr.) 5:33 p.m., Laptop computer was stolen. Report taken.

May 13 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 6:29 a.m., Homeless person issued trespass warning.

May 16 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 9:00 a.m., Larceny of a bike.

May 16 Bldg. W84 (Tang Hall, 550 Memorial Dr.) 12:15 p.m., Report of suspicious item. West car officer takes report.

May 17 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 9:10 a.m., Caller states there is a male near W20 harassing people for money. Sector 4 responds, trespass warning issued.

May 17 Bldg. NE48 (700 Tech Square) 1:10 p.m., Report that someone passed a counterfeit \$100 bill.

May 19 Bldg. E62 (100 Main St) 9:30 a.m., Larceny of wallet. Sector 1 takes report.

May 20 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 2:37 p.m., Cell phone was stolen. Sector 4 responds.

May 21 Bldg. 51 (134 Memorial Dr.) 5:05 p.m., Suspicious person.

May 22 520 Beacon Street 1:03

a.m., Boston Police call and state that a bottle was thrown at a pedestrian.

May 24 Bldg. 7 (77 Massachusetts Ave.) 12:00 p.m., Bicycle stolen, report taken.

May 27 Bldg. NW86 (70 Pacific St.) 12:00 a.m. Party reports credit card fraud.

May 27 Hayward Lot 7:00 a.m., Hit and run in the Hayward Lot. Dispatched West Car for report.

May 27 Bldg. 13 (105 Rear Massachusetts Ave.) 4:00 p.m., Reporting party states his bike was stolen. Three takes report.

May 28 Bldg. 50 (142 Memorial Dr.) 6:00 p.m., Caller reports office broken into. Sector 2 takes report.

May 30 Bldg. 26 (60 Vassar St.) 1:00 p.m., Larceny of a bicycle.

May 30 Bldg. 38 (50 Vassar St.) 5:55 p.m., Larceny of bicycle. Sector 3 responds.

May 31 Bldg. E14 (75 Amherst St.) 1:00 p.m., Received information that a suspicious male left what appears to be a pipe at the bike rack. MIT and outside agen-

cies respond. Situation clear.

May 31 Delta Kappa Epsilon (403 Memorial Dr.) 8:02 p.m., Bicycle stolen, report taken.

Jun 02 Bldg. 41 (77 Vassar St.) 8:00 a.m., Report of laptop stolen. East car officer handles report.

Jun 02 Bldg. NW21 (190 Albany St.) 3:30 p.m., Reporting party reports attempted break-in of construction trailer — Car 290 responds.

Jun 03 Bldg. W34 (Johnson Athletics Center, 120 Vassar St.) 7:00 a.m., Bicycle stolen from Johnson Athletics Center.

Jun 05 Bldg. NW61 (Random Hall, 282 Massachusetts Ave.) 12:00 a.m., Malicious destruction of door. West car officer takes report.

Jun 06 Beta Theta Pi (119 Bay State Rd.) 9:00 p.m., Caller states malicious destruction to property. East car responds.

Jun 07 Bldg. W70 (New House, 471 Memorial Dr.) 7:32 a.m., Suspicious package found, resembled a pipe bomb. Area evacuated until all clear was issued. Jun 08 Bldg. W35 (Zesiger Sports and Fitness Center, 100 Vassar St.) 6:00 p.m., Larceny of a cell phone from Z-center.

Jun 10 Bldg. 62 (21 Ames St.) 5:00 p.m., Party reports wallet was stolen from the 62 area report taken.

Jun 10 Bldg. E19 (400 Main St.) 7:00 p.m., Report of a stolen laptop. Dispatched sector 1.

Jun 10 Bldg. 1 (33 Massachusetts Ave.) 7:30 p.m., Caller states office door was open when they arrived at work and things were scattered around the room. Sector 3 responds.

Jun 11 Kappa Sigma (407 Memorial Dr.) 11:00 a.m., Larceny of bicycle. West car officer takes report.

Jun 13 Bldg. 32 (Stata Center, 32 Vassar St.) 7:30 p.m., Person reports mountain bike was stolen from Stata area, locked with a cable lock. Report taken.

Jun 14 Bldg. E51 (70 Memorial Dr.) 12:44 a.m., Sector 1, 2 and

Police Log, Page 9

Math 1... play 1

(A)3m (An)3 = (A3)m but a ≠ b

to be shown in a later issue of

John John

The Council for the Arts at MIT Grants Program

call for applications!

Deadline: Friday, September 30, 2011

All types of arts projects are supported All current MIT students, faculty and staff are eligible to apply

Information, guidelines, and application form: http://arts.mit.edu/about/council/camit-grants/

We strongly suggest that applicants meet with Council staff before submitting a proposal

Please contact Susan Cohen at cohen@media.mit.edu to make an appointment







Welcome (back) to MIT!

Make sure to explore the arts with your MIT student ID this year!

Free admission to:

- •Museum of Fine Arts
- •Institute of Contemporary Art
- •Isabella Stewart Gardner Museum
- •Harvard Art Museum

Free or discounted tickets to:

- •Boston Symphony Orchestra
- •Boston Modern Orchestra Project
- •Radius Ensemble
- •Boston Chamber Music Society
- •Central Square Theater

And numerous \$5 ticket deals on performing arts events throughout the year!

http://arts.mit.edu/visit/tickets/

Bose is pleased to offer special savings for all students, employees and retirees of M.I.T.

Receive savings on most Bose products, including the acclaimed Wave music system, home entertainment systems, headphones, and solutions for today's most popular portable music devices.





Please direct all inquiries to the "M.I.T. Purchase Program."

1-800-298-BOSE (2673)



©2010 Bose Corporation. Patent rights issued and/or pending. Delivery is subject to product availability.

Police Log, from Page 8

East car officer take one into custody on an outstanding warrant. John Heyer, 142 Emery St., Cambridge MA arrested on a warrant.

Jun 16 Bldg. 41 (77 Vassar St.) 2:00 p.m., Report of stolen camera, room 205F. Sector 2 takes report.

Jun 16 Bldg. NE49 (600 Tech Square) 4:00 p.m., Past larceny of pocketbook, second floor. Report taken.

Jun 17 Bldg. 10 (122 Memorial Dr.) 6:25 a.m., Report of homeless male sleeping in a room. Trespass warning issued and removed from area.

Jun 20 Bldg. E40 (1 Amherst St.) 9:00 p.m., Party reports he was threatened by a person who was trying to illegally dump trash in dumpster. Report taken.

Jun 21 Bldg. 32 (Stata Center, 32 Vassar St.) 1:00 p.m., Sector 1 takes a report of a stolen wallet.

Jun 22 Bldg. 3 (33 Massachusetts Ave.) 6:45 p.m., Caller reports male 5'11," 180 pounds wearing a mask and sunglasses acting suspicious in the lobby of Bldg. 3. Student playing a joke, advised to cease.

Jun 24 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 6:00 p.m., iPod Nano was stolen from the study area — report taken.

Jun 24 Alpha Delta Phi (351 Massachusetts Ave.) 7:00 p.m., Bike was stolen from basement. West car officer takes report.

Jun 25 Bldg. 7 (77 Massachusetts Ave.) 1:11 p.m., Caller states there is a black male in the crosswalk at 77 Massachusetts Avenue waving a sword around. Sword discovered to be plastic toy, individual taken into custody on outstanding warrant. Simon Nkundimana, 240 Albany St., Cambridge, MA.

Jun 28 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 2:30 p.m., Victim in station to report his Trek mountain bike was stolen from the W20 plaza.

Jul 01 Bldg. NW35 (235 Albany St.) 7:00 p.m., Larceny of bike tire. Report taken.

Jul 05 Bldg. 54 (21 Ames St.) 5:35 a.m., A report of a suspicious person on the 9th floor.

Jul 05 Bldg. 10 (122 Memorial Dr.) 12:55 p.m., Cell phone was stolen. Report taken.

Jul 07 Bldg. 38 (50 Vassar St.) 1:00 p.m., Larceny of wallet.

Jul 07 Bldg. 48 (15 Vassar St.) 3:30 p.m., Victim reports confronting suspect in his office. Suspect claimed to be a window washer. When victim realized his iPhone was taken, the suspect had fled the area.

Jul 07 Bldg. 56 (21 Ames St.) 5:02 p.m., Reporting party called and stated an unknown suspect had tried to steal a laptop from his lab within the last 10 minutes. Reporting party stated suspect had short hair, was in his 20s and was wearing shorts and a red shirt.

Jul 09 Bldg. 14 (160 Memorial Dr.) 12:00 p.m., Victim reports bike stolen. Dispatched sector 2 to take report.

Jul 09 Bldg. 56 (21 Ames St.) 7:16 p.m., Victim reports laptop stolen when he stepped out of the

Jul 09 Bldg. W89 (Campus Police, 291 Vassar St.) 9:00 p.m., Victim reports his bike was stolen from bike rack on Amherst Alley — cable lock was cut. West cruiser takes report.

Jul 10 Bldg. 56 (21 Ames St.) 4:00 p.m., Victim reports theft of a secured laptop.

Jul 10 Bldg. NW86 (Sidney Pacific, 70 Pacific St.) 7:41 p.m., Reporting party states he saw two men fighting behind Sidney Pacific. Cars 281 and 290 respond and find that the suspect had stolen the victim's wallet. Victim transported to Cambridge City Hospital by professional ambulance.

Jul 11 Bldg. WW15 (350 Brookline St.) 12:11 p.m., West car 285 takes a report of a suspicious letter

Jul 12 Bldg. 32 (Stata Center, 32 Vassar St.) 5:00 p.m., Victim reports theft of laptop left in common area. Rte. 2 takes report.

Jul 13 Bldg. E17 (40 Ames St.) 10:00 p.m., David Scrima of 15 Range Rd., Windham, NH was arrested in room 517 by sector 1 for trespass.

Jul 14 Bldg. E19 (400 Main St.) 6:31 a.m., Reporting party states older male, possibly homeless, in area of E19 — 6th floor. Sector 1 responds along with the DSGT. Subject sent on way with trespass issued.

Jul 14 Bldg. 68 (31 Ames St.) 9:00 a.m., Larceny bike, sector 2 takes report.

Jul 15 Bldg. 32 (32 Vassar St.) 12:30 a.m., Report of damage to motor vehicle tire, sector 2 takes report.

Jul 15 Bldg. 13 (105 Massachusetts Ave. rear) 3:00 p.m., Stolen laptop. Sector 3 takes report.

Jul 15 Bldg. NW86 (70 Pacific St.) 4:00 p.m., Bicycle stolen. Report taken.

Jul 15 Bldg. 2 (182 Memorial Dr.) 9:00 p.m., Victim reports theft of computer from lab. Computer secured with cable.

Jul 15 Sigma Chi (532 Beacon St.) 11:20 p.m., Door was kicked in and individuals confronted inside house. Incident happened on Friday.

Jul 16 Bldg. 9 (21 Ames St.) 9:50 a.m., Suspicious activity.

Jul 17 Bldg. 3 (33 Massachusetts Ave.) 2:23 a.m., Malicious damage to men's room.

Jul 17 Bldg. 13 (105 Rear Massachusetts Ave.) 5:00 p.m., Reporting party states a cable locked computer stolen from cart in lab.

Jul 18 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 9:00 a.m., Victim reports his locked mountain bike was stolen from the W20 bike rack.

Jul 18 Bldg. 68 (31 Ames St.) 9:00 p.m., Victim reports theft of cable locked bicycle from bike

Jul 19 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 7:30 p.m., Victim reports his cable locked mountain bike was stolen from the W20 bike rack.

Jul 20 Bldg. 12 (60 Rear Vassar

St.) 8:30 a.m., Reporting party states unknown person(s) attempted to steal her car while parked in the Stata Center garage.

Jul 20 Bldg. 32 (Stata Center, 32 Vassar St.) 11:00 a.m., Victim reports theft of cable locked bicycle from Stata bike rack.

Jul 20 Bldg. W79 (229 Vassar St.) 9:00 p.m., Theft of wallet from room.

Jul 22 Theta Chi (528 Beacon St.) 3:00 a.m., Car 290 responds to Theta Chi for a report of a past breaking and entry. Report taken.

Jul 22 Bldg. 68 (31 Ames St.) 4:00 p.m., Larceny of laptop. Report taken.

Jul 22 Bldg. 68 (31 Ames St.) 4:00 p.m., Larceny of laptop report taken by sector 2 officer.

Jul 22 Theta Chi (528 Beacon St.) 5:54 p.m., Arrest of Aiman Kilaouy, 234 Spring St., Medford MA. Arrested for breaking and entering. Transported to Boston Police Department. Jul 22 Bldg. 32 (Stata Center, 32 Vassar St.) 11:37 p.m., Report of five individuals attempting to steal from Stata cafeteria.

Jul 23 Bldg. 56 (21 Ames St.) 2:45 p.m., Fire reported at Bldg 56. Cambridge Fire Department called and responded.

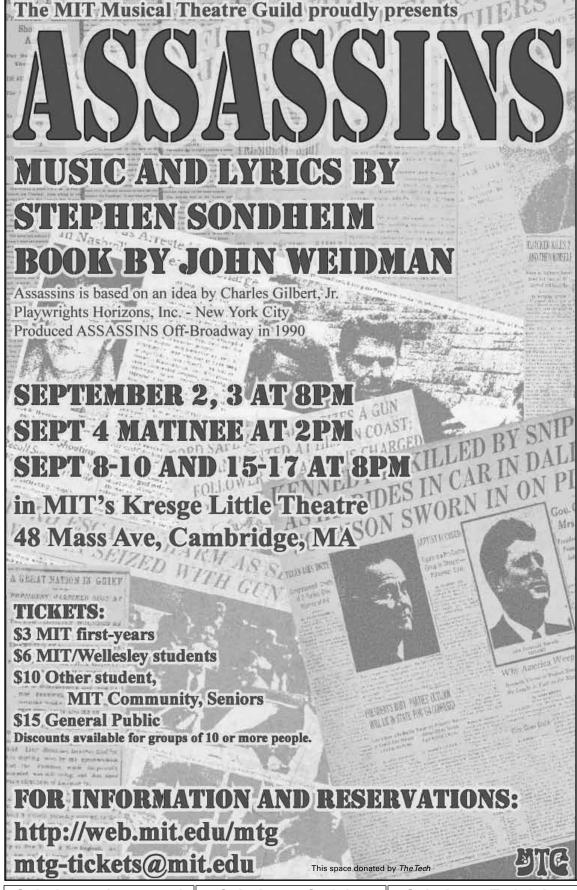
Jul 24 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 7:00 a.m., Student reports having wallet stolen from study area of Student Center, West car responding. Officer took report.

Jul 24 Bldg. 54 (21 Ames St.) 12:08 p.m., Lacceny of bike, sector 2 officer to take report.

Jul 25 Bldg. W20 (Student Center, 84 Massachusetts Ave.) 7:00 a.m., Larceny of laptop from 5th floor. Report taken by sector 4 officer.

Jul 25 Bldg. 16 (21 Ames St.) 1:00 p.m., Larceny of laptop. East car officer takes report.

COMPILED BY JOSEPH MAURER AND JOHN A. HAWKINSON.



Zach Weiner talks Star Wars, monocles

Free LSC event packs 6-120 to the brim

SMBC, from Page 1

the stress of writing a comic read by thousands.

"It's like telling a single joke to a stadium of people every day," he said. To the ensuing laughter of the audience, he added, "It's nice to not think about that."

After the Q&A ended around 5:15, 40 copies of *SMBC*'s new compilation were up for sale and sold out within minutes. Weiner signed the books (and whatever else attendees presented in front of him) for nearly two hours. In the coming months, Weiner plans to sell additional SMBC compilations, the "world's first unlubricated single

use disposable monocle" developed with the Media Lab's Benjamin J. Peters G, and a choose-your-own-adventure book. It's even possible MIT may see his work on a more personal level in the near future.

"Would you be open to contributing content to our Mystery Hunt?" asked one attendee towards the Q&A's end.

"I contributed to the CalTech scavenger hunt," Weiner replied to audience, and candidly replied that "as long as I'm in Massachusetts, I like MIT the best."

We'll have to wait and see. Check out SMBC at http://www. smbc-comics.com. **Solution to Crossword**

W	A	R	M	S	M	S	C	O	R	E	C	A	S	H
A	R	O	A	R	U	R	K	E	L	U	K	E		
W	A	L	K	I	N	G	T	A	L	L	M	I	K	E
W	A	L	K	I	N	G	T	A	L	L	M	I	K	E
W	A	L	K	I	N	G	T	A	L	L	M	I	K	E
W	A	L	K	I	N	G	T	A	L	L	M	I	K	E
W	A	T	I	E	R	A	S	P	R	I	N	T	S	
P	A	T	I	E	N	C	E	S	O	N	G	U		
E	X	A	M	S	M	A	A	H	E	D	H	A	T	
R	I	L	E	M	A	N	T	E	D	G	J	I	V	E
T	S	K	M	I	C	E	A	X	R	E	G	I	S	
T	A	N	B	A	S	E	G	G	I	M	P			
A	L	G	A	W	A	S	O	N	L	A	I	R		
D	A	B	M	L	I	V	I	N	G	L	A	R	G	E
E	M	I	E	L	E	N	A	O	N	I	O	N		
D	O	G	E	D	S	E	L	B	E	A	R	D		

Solution to Sudoku

Solution to Techdoku

 1
 6
 5
 4
 2
 3

 4
 3
 2
 1
 5
 6

 5
 4
 3
 2
 6
 1

 3
 2
 1
 6
 4
 5

 6
 5
 4
 3
 1
 2

 2
 1
 6
 5
 3
 4

10 THE TECH Tuesday, August 30, 2011

NEUNFUNFUNFUNFUNFUNFUNFUNFUN FUNFUNFUNFUNFUN FUNFUNFUNFUNFUNFUL

The Dilapidated Universe





by Jerry Holkins and Mike Krahulik

Contingencies

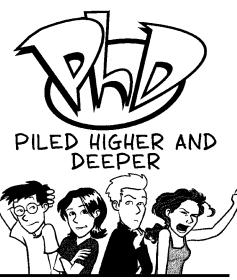




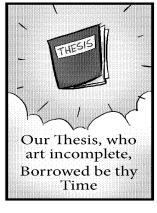




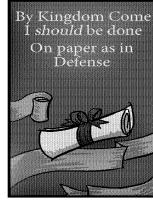
A PRAYER FOR GRAD STUDENTS

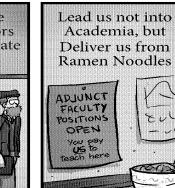


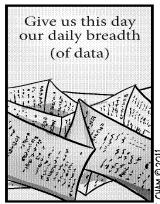


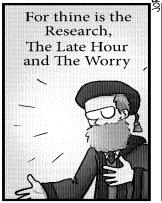


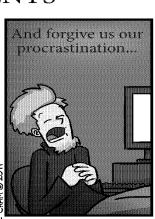








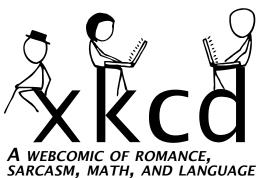




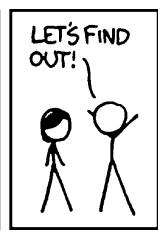


WWW.PHDCOMICS.COM

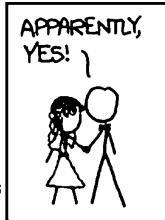
[943] Empirical











I'm as surprised as you!

Sudoku

by Randall Munroe

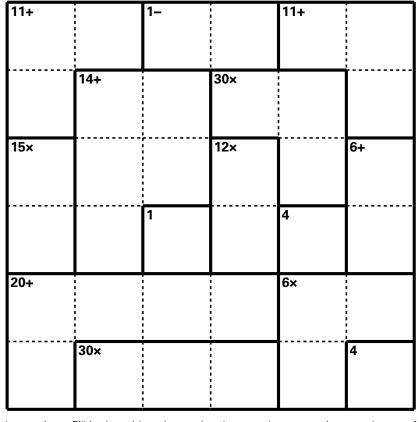
Solution, page 9

1	7					8		3
						9	1	
		8	3					7
3	9			4	8			
3 2			1		7			9
			9	5			4	9
9					2	4		
	2	6						
5		1					3	8

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Techdoku

Solution, page 9



Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1-6. Follow the mathematical operations for each box.

Crossword Puzzle

Solution, page 9

ACROSS

- 1 Heats a bit
- 6 Movie music
- 11 Cigar residue
- 14 Like loud crowds
- 15 "Family Matters" nerd Steve
- 16 "I like ___": '50s campaign slogan
- 17 Striding self-confidently 19 Blender setting
- 20 Having sufficient skill
- 21 No-brainer college course
- 22 Lamp-to-plug link
- 23 God of thunder
- 25 Short races
- 27 It's a virtue, so they say
- 31 iTunes download
- 32 Midterms, e.g. 33 Emitted a delighted sigh
- 38 Tick off
- 39 Paid to play 40 Hepcat's jargon

35 Beaver or boater

- 41 Condescending cluck
- 42 Climbing tool for frozen

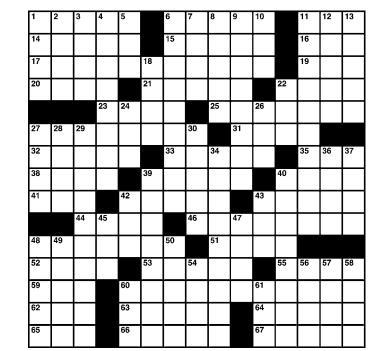
- surfaces
- 43 TV host Philbin
- 44 About, in a memo
- 46 Words while delivering a blow
- 48 Team supporters, collectively 51 Hobbling gait
- 52 Tiny pond plant
- 53 Aired, as a TV show
- 55 Wolf's shelter
- 59 Dry gently, as tears
- 60 Enjoying an extravagant
- existence
- 62 Brit. record co.
- 63 "Maria __": 1940s song
- 64 Kitchen tearjerker
- 65 Pooch
- 66 '50s Ford flop
- 67 Part of a Santa costume

DOWN

- 1 Muted trumpet sound
- 2 Mideast native
- 3 Dice throw

- 4 Provide a schedule slot (for)
- 5 Indian title

- 6 Crop yielding a common
- sweetener 7 PC monitors
- 8 Gives the nod to
- 9 Went off the wagon, e.g.
- 10 Right-angled pipe
- 11 Shooting for the stars
- 12 Mini, midi or maxi
- 13 Whammies
- 18 Casino sign gas
- 22 Finish in front
- 24 "For __ a jolly ..."
- 26 Towel holder
- 27 Saucy
- 28 Graph's x or v
- 29 Carrying on conceitedly
- 30 Bother big-time
- 34 Six-sided
- 36 Nike competitor
- 37 Try out
- 39 Game in which "bullets" can be whatever card you decide
- 40 747, for one
- 42 Nest egg component, for



- 43 Sleep lab acronym
- 45 Org. with dribblers
- 47 Crowned checker
- 48 Washed-out
- 49 San Antonio mission
- 50 Gutter sites
- 54 Trig function
- 56 La Scala solo
- 57 Operatic prince
- 58 Tear apart
- 60 Filmmaker Spike
- 61 Soft toss

Hockey, tennis, soccer: Summer 2011 in sports

The Tech looks back on what you might have missed in the world of pro sports

By Nidharshan Anandasivam SPORTS STAFF

This past summer was an eventful time in professional sports. From the French Open in June to the PGA Championship in August, champions were crowned in everything from tennis to soccer to golf. Here's a summary of some of the notable results from the past three months.

June 5: Paris, France — Tennis: Rafael Nadal defeated Roger Federer in four closely-fought sets (7-5, 7-6, 5-7, 6-1) to win his sixth French Open. The victory marked Nadal's 10th grand slam title, bringing him closer to Federer's record of 16 men's Grand Slam singles titles.

June 12: Dallas, TX — Basketball: The Dallas Mavericks defeated the Miami Heat, 105-95, in Game 6 of the NBA Finals to win their first championship. Incapable of living up to the championship hype of their star-studded team this year, the Heat hope to prove to their fans that this is just a beginning, not an ending.

June 15: Vancouver, Canada Hockey: The Boston Bruins triumphed over the Vancouver Canucks, 4-0, in Game 7 of the Stanley Cup Finals. After the home team won each of the first six games, the Bruins found a way to steal Game 7 in Vancouver and become NHL champions. The loss came to the serious dismay of some Canuck fans, as evidenced by the riots and fires which ensued on Vancouver's streets.

June 19: Bethesda, MD — Golf: Twenty-two year old Irishman Rory McIlroy won the U.S. Open with a comfortable eight stroke advantage over second place finisher John Day of Australia. After a couple of top finishes at the British Open and the PGA Championship, this marks McIlroy's first major championship.

June 25: Pasadena, CA — Soccer: Mexico defeated the U.S. (4-2) in the CONCACAF Gold Cup, which included teams from North America, Central America, and the Caribbean. At one point in the match, the U.S. had a 2-0 lead, but it was unable to maintain the advantage, conceding four goals before the final whistle sounded.

July 3: London, England -Tennis: Novak Djokovic defeated defending champion Rafael Nadal (6-4, 6-1, 1-6, 6-3) in a tough, long-rallied four-set match to win his first Wimbledon title. Djokovic is having a phenomenal year, as evidenced by his 57-2 singles match record. Having won the Australian Open this year as well, Djokovic hopes to win his third Grand Slam this year at the U.S. Open, which started on August

July 10: Mexico City, Mexico - Soccer: Mexico defeated Uruguay 2-0 in the finals to win the FIFA U-17 World Cup. Julio Gomez, star mid-fielder for Mexico and winner of the tournament's Adidas Golden Ball (the most valuable player), led his team to the finals by scoring twice against Germany in the semifinal despite suffering a bloody head injury. Although this prevented him from starting in the finals, he did attract the admiration of the fans, who wore bandages over their heads

July 17: Frankfurt, Germany Soccer: Japan rallied back, after being down twice in regulation, to defeat the U.S. in penalty kicks (3-1) to become FIFA Women's World Cup champions. The U.S. showed to be a strong team from the brilliant play of forward Abby Wambach and goalie Hope Solo throughout the tournament, but could not finish on several promising opportunities and fell short in the finals.

July 22: Sandwich, England - Golf: Darren Clarke won the 2011 British Open with a threestroke lead over second-place finisher Phil Mickelson. Before this victory, Clarke had not competed in a major in ten years, was not eligible for the previous three majors, and was not even ranked in the top 100.

July 24: Paris, France — Cycling: Cadel Evans of Australia won the 98th Tour de France with a time of 86 hours, 12 minutes, and 22 seconds in the 23-day

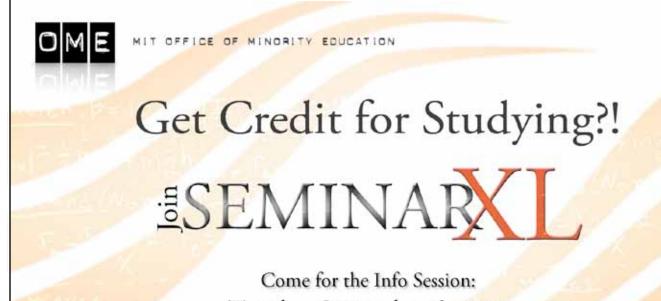
to recognize his intense play and race. Finishing in second and third, respectively, were Andy and Frank Schleck, brothers from Luxembourg.

> July 31: Indianapolis, IN -Auto racing: Paul Menard held off four-time Brickyard winner Jeff Gordon by about .725 seconds to win the Brickyard 400 at Indianapolis Motor Speedway. Averaging just over 140 mph, Menard earned his first NASCAR Sprint Cup victory.

> August 14: Johns Creek, GA -Golf: Keegan Bradley outplayed fellow American Jason Dufner in a playoff to win the PGA Championship. Starting the year ranked number 329 in the world, Bradley contributed to his sudden rise to No. 29 with this victory.

> August 20: Bogota, Colombia - Soccer: Brazil defeated Portugal (3-2) in the finals to win the FIFA U-20 World Cup. This venue boasted one of the most festive atmospheres in the history of the U-20 tournament, breaking the previous record with over 1.3 million spectators.

24th: Cadel Evans wins the 98th Tour 19th: Rory McIlroy de France wins US Open 12th: Dallas **17th**: Japan wins Mavericks win NBA women's FIFA cup 14th: Keegan Bradley championship 3rd: Wimbleton is claims PGA championship won by Djokovic July **June** Aug 10th: Mexico wins 5th: Nadal defeats U-17 FIFA world cup Federer in tennis 20th: Brazil reclaims the 22nd: Darren Clarke U-20 FIFA world cup 15th: Bruins claim wins the British Open Stanley Cup 25th: Mexico defeats 31st: Paul Menard **US for CONCACAF** earns his first NASCAR **Sprint Cup victory** cup in soccer SARAH RITTER - THE TECH



Tuesday, September 6, 2011

12pm Room 4-237

Contact the Office of Minority Education for more info | Room 4-107 | 617.253.5010 | web.mit.edu/ome/

UPCOMING HOME EVENTS

Thursday, September 1

Field Hockey vs.

New England College

4 p.m., Jack Barry Field

If you have any brains at all, you'll be aware of the danger of depression.

Depression is a suppression of brain activity that can strike anyone. It's powerful, it's constant, and it makes life unbearable. It's also readily, medically treatable. And that's something everyone should know.



http://www.save.org

This space donated by The Tech